Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 23 Aug 2021 until 23:59 on Tuesday 24 Aug 2021

Forecast Issued on Sunday 22 Aug 2021 at 14:13

Confidence: High for the much more settled conditions over the next few days. Lower for cloud amounts and heights.

Headline for Monday 23 Aug 2021: Largely dry and fine with variable amounts of cloud.

Mountain weather hazards on Monday 23 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny	Sunny intervals	Partly cloudy (night)
Precipitation probability							
40%	20%	20%	10%	<05%	<05%	<05%	<05%

Forecast for Monday 23 Aug 2021

Weather: Low cloud is likely to continue to affect higher ground through the early hours, along with a risk of some lingering light showers. By dawn most showers will have faded, leaving the rest of the day dry. A few mist or fog patches may form in the valleys first thing, but along with the low cloud will lift and break through the morning, allowing plenty of sunny spells for the afternoon.

Chance of cloud free mountain/hill tops above 600m: 20%, becoming 100% by mid-morning.

Visibility: Poor or very poor first thing, especially at higher levels, with nearby landmarks often obscured. Improving through the morning with visibility becoming good, allowing clear views of distant hills.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 23 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/11 E	9/12 NE	11/16 NE	12/18 NE	11/17 NE	11/16 NE	11/16 NE	12/17 E	11/16 E
300	4/6 SE	4/7 NE	7/10 E	9/14 NE	9/14 NE	9/15 NE	8/13 NE	7/12 E	5/9 E
Valley	3/8 NE	4/10 E	5/12 E	7/13 NE	7/14 NE	7/14 NE	6/13 NE	6/12 E	4/10 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/12	12/10	11/8	12/9	14/12	15/13	14/12	11/9	10/8
300	15/15	14/14	13/12	14/13	17/15	18/16	17/16	14/13	12/12
Valley	15/15	14/14	14/13	16/15	18/17	19/18	18/17	15/14	13/13
Freezing Level*	3000m	2900m	3000m	3000m	3000m	2600m	2900m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Although the day is likely to start quite cloudy with tricky navigation conditions, this will change through the morning with strong sunshine developing allowing UV levels to increase.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 22 Aug 2021	7mm	10.6mm	12.6mm

Forecast for Tuesday 24 Aug 2021

Weather: Low cloud may once again move in from the east overnight, to give some hill fog during the early hours. This will lift above the tops by mid-morning, allowing another dry and fine day with some sunny spells for the afternoon. Sunshine may be slightly more limited than on Monday.

Maximum wind: Northeasterly 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 30%, becoming 100% by mid-morning.

Visibility: Often poor or very poor first thing, especially at higher levels, with nearby landmarks often obscured. Generally good at lower levels however. Improving at all levels through the morning with visibility becoming good, allowing clear views of distant hills.

Temperature: **Valleys:** Plus 10C becoming plus 18C
At 600m: Plus 11C
Freezing level: Above the hilltops

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